· INSTA-CERT·

LICENCE OF CERTIFICATION

Date of valid edition 2014-06-02

No: 5134

Date of first issue 2014-06-02

Reference

Licensee's name and address

Conformity mark covered by license

EUROSTANDARD S.p.A. Zona Industriale Lago IT-38038 Tesero (TN) Italy



Information regarding licensee/manufacturer

| Licensee's technical officer Maurizio Tiso | Telephone | | | | |
|---|--------------------------------|--|--|--|--|
| | E-mail quality@eurostandard.it | | | | |
| Manufacturer | Place of manufacture | Place of manufacture | | | |
| EUROSTANDARD S.p.A | Zona Industriale Lago | Zona Industriale Lago, IT-38038 Tesero (TN), Italy | | | |

Product covered by the licence

| Type of product | Standard Normative document | Specific rules |
|--|-----------------------------|--------------------|
| Plastics piping systems for water supply, and for drainage and sewerage under pressure – Polyethylene (PE) | EN 12201:2011 | INSTA SBC EN 12201 |

Specification of product

Electrofusion fittings EURO, couplers, elbows, tees, reducers and end caps made from PE100

| SDR class | 7.4 | 9 | 11 | 13.6 | 17 |
|------------------------------|----------|-----------|----------|-----------|-----|
| Nominal outside diameter, mm | 20 – 160 | 180 – 315 | 25 - 355 | 450 – 630 | 400 |
| Size group | 1, 2 | 2, 3 | 1, 2, 3 | 3 | 3 |

Confidential information according to the enclosure

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Confidential appendix 1

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The tables below shows the approved combinations of sizes, SDR classes and raw materials.

Total HDPE XS10B

Electrofusion fittings EURO, couplers, elbows, tees, reducers and end caps made from PE100

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|------------------------------|----------|-----------|----------|-----------|-----|
| Nominal outside diameter, mm | 20 – 160 | 180 – 315 | 25 - 355 | 450 – 630 | 400 |
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